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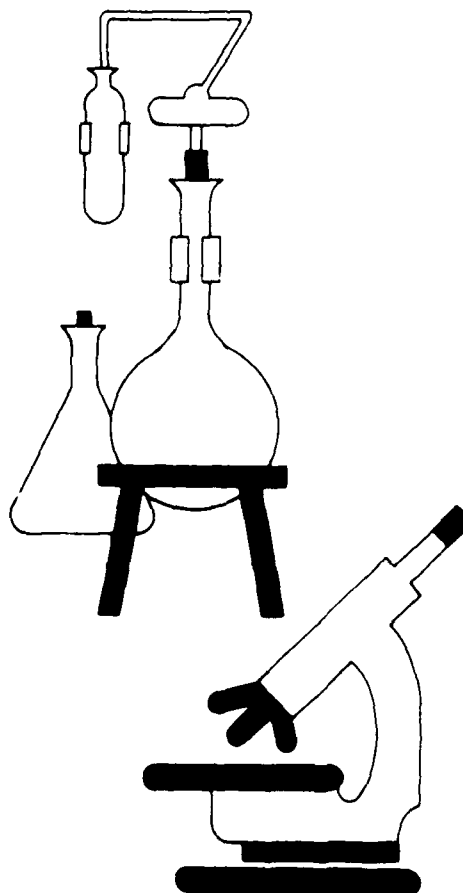
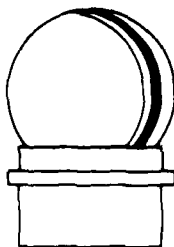


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# EDUCATIONAL AND NONPROFIT INSTITUTIONS RECEIVING PRIME CONTRACT AWARDS FOR RDT&E

Fiscal Year 1989

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# EDUCATIONAL AND NONPROFIT INSTITUTIONS RECEIVING PRIME CONTRACT AWARDS FOR RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

Fiscal Year 1989



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## FOREWORD

*Educational and Nonprofit Institutions Receiving Prime Contract Awards for Research, Development, Test, and Evaluation* is published annually.

This report provides information on Department of Defense prime contract awards to educational and nonprofit institutions for research, development, test, and evaluation (RDT&E). These data are shown in three sections, organized by awards to:

1. Educational and nonprofit institutions within the United States;
2. U.S. government agencies; and
3. Foreign institutions and government agencies.

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## INTRODUCTION

This report presents data on Department of Defense (DoD) prime contract awards over \$25,000 for research, development, test, and evaluation (RDT&E) made to educational and nonprofit institutions during Fiscal Year (FY) 1989. These data are presented in three tables, each of which lists contractors alphabetically and gives the net value of all awards to the contractor as well as the value of the awards to each of the contractor's locations, where applicable. Table 1 covers awards to educational and other nonprofit institutions in the United States, and Table 2 covers awards to U.S. government agencies. Data on awards to foreign institutions and government agencies are provided in Table 3. In Tables 1 through 3, contractor totals are indicated by an asterisk (\*).

## NOTES ON COVERAGE

The dollar amounts shown here include prime contract awards over \$25,000 for RDT&E work only and only that awarded to nonprofit, educational, and government institutions. Data on awards for other services, such as training, and on any supplies furnished by the contractor in support of research being done, are excluded. Contract awards for civil functions are included in these data. Civil functions encompass planning, programming, designing, constructing, and operating Federal water resource projects for navigation, flood control, hydroelectric power production, water supply, and other related activities.

The locations shown in the tables are those reported as where the work was to be performed. Normally, this is a facility of the institution awarded the contract. However, if the work was scheduled to be performed at a Defense facility, such as an Air Force base, the location shown may be that of the Defense facility rather than the institution.

DATA RELATING TO COMPANIES IN THIS PUBLICATION ARE SUBJECT TO THE ACCURACY OF THE DUN & BRADSTREET CORPORATION'S DATA UNIVERSAL NUMBERING SYSTEM AND ITS ABILITY TO DESCRIBE RELATIONSHIPS OF COMPANIES.

## HIGHLIGHTS

The following table shows the number of institutions receiving RDT&E contracts and the net value of the awards, by type of institution, for FY 1989 and FY 1988.

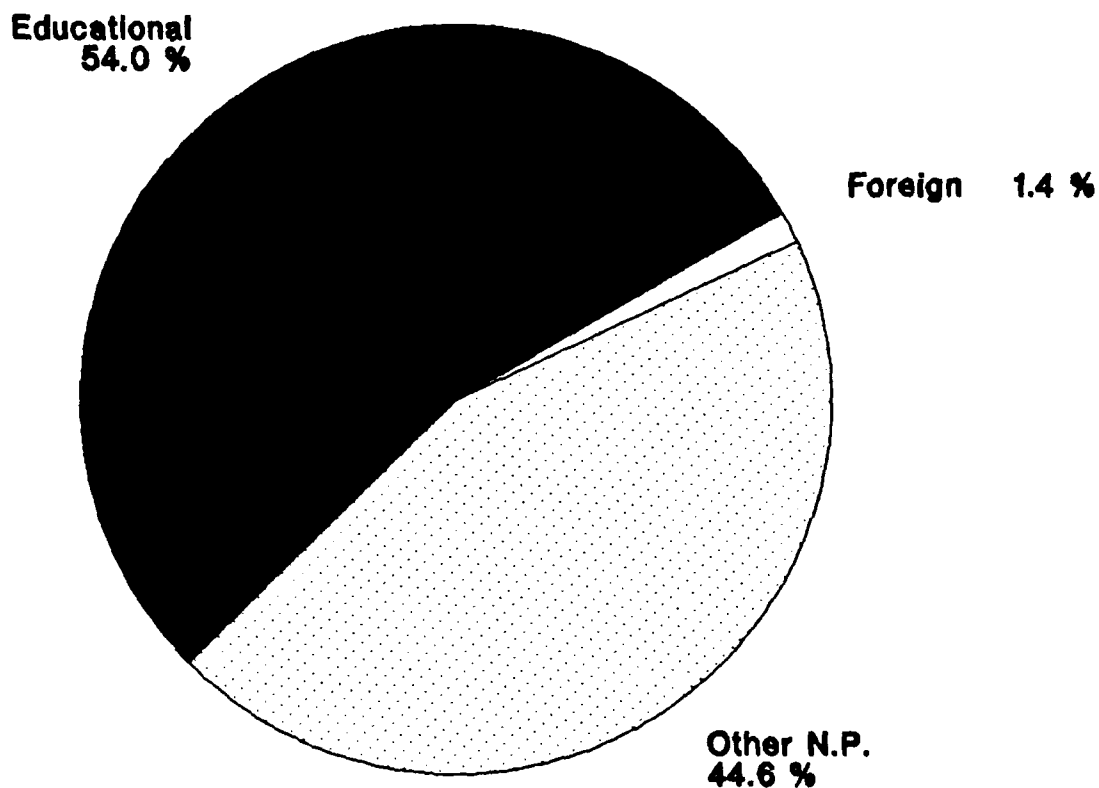
TYPE OF INSTITUTION	FISCAL YEAR			
	1989		1988	
	NUMBER	AMOUNT*	NUMBER	AMOUNT*
TOTAL	353	\$2,698	374	\$2,856
U.S. INSTITUTIONS - TOTAL	298	2,654	308	2,794
Educational	203	1,459	205	1,520
Other Nonprofit	95	1,195	103	1,274
U.S. GOVERNMENT AGENCIES	8	7	8	13
FOREIGN INSTITUTIONS AND GOVERNMENT AGENCIES	47	37	58	49

\* Amounts in millions.

In FY 1989, educational and nonprofit institutions received DoD prime contract awards over \$25,000 for RDT&E totaling \$2,698 million compared to \$2,856 in FY 1988. This represents a decrease of \$158 million or 5.9 percent. Awards to U.S. institutions decreased from \$2,794 million in FY 1988 to \$2,654 million in FY 1989, a decrease of 5.0 percent and awards to U.S. government agencies decreased from \$13 million in FY 1988 to \$7 million in FY 1989 or 46.2 percent. The awards to foreign institutions shows a decrease from \$49 million to \$37 million or 24.5 percent.

The following chart presents the percentage distribution of the net value of RDT&E awards to educational, foreign, and other nonprofit institutions, which includes government institutions for FY 1989:

### **Educational and Nonprofit Institutions-RDT& Fiscal Year 1989**



**Total Dollars Awarded \$2,698 (million)**

**Table 1. Educational and Other Nonprofit Institutions  
in the United States Receiving DOD Prime Contracts  
Over \$25,000 for RDT&E Work: FY 1989**

Name of Contractor Location of Work			Thousands of Dollars	Name of Contractor Location of Work			Thousands of Dollars
ACADEMY OF APPLIED SCIENCE INC			108 *	BATTTELLE MEMORIAL INSTITUTE			
Concord	N.H.		108	Indianapolis	Florida		76
ADVERTISING COUNCIL INC			300 *	Orlando	Florida		47
Washington	D.C.		300	Tampa	Florida		53
AEROSPACE CORPORATION			301,430 *	Atlanta	Georgia		107
El Segundo	California		301,430	Norcross	Georgia		112
AGOURON INSTITUTE			150 *	Chicago	Illinois		123
Placentia	California		150	Park Forest	Illinois		26
ALCORN STATE UNIVERSITY			26 *	Skokie	Illinois		32
Lorman	Miss		26	Lafayette	Indiana		77
AMERICAN FOUNDATION			100 *	Baton Rouge	Louisiana		57
Rockville	Maryland		100	Aberdeen Prov	Maryland		1,392
AMERICAN INST BIOLOGICAL SCIENCE			332 *	Elkton	Maryland		56
Washington	D.C.		201	Frederick	Maryland		62-
Arlington	Virginia		131	Gaithersburg	Maryland		44
AMERICAN INST RSRCH BEHAV SCI			421 *	Concord	Mass		32
Washington	D.C.		421	Wilbraham	Mass		45
AMERICAN RED CROSS THE			604 *	Detroit	Michigan		46
Washington	D.C.		604	Houghton	Michigan		36
AMERICAN REGISTRY OF PATHOLOGY			109-*	Midland	Michigan		32
Washington	D.C.		109-	North Muskegon	Michigan		81
AMERICAN SOC FOR ENGRG EDCTON			2,389 *	Minnetonka	Minnesota		126
Washington	D.C.		2,389	St Paul	Minnesota		26-
ANALYTIC SERVICES INC			32,078 *	Pinehurst	N Carolina		47
Colorado Sprin	Colorado		678	Research Trian	N Carolina		62
Arlington	Virginia		31,257	Hollis	N.H.		54
Fort Belvoir	Virginia		143	Nashua	N.H.		117
APPLIED RESEARCH LABORATORY			1,132 *	Las Vegas	Nevada		137
Washington	D.C.		992	Englewood Clif	New Jersey		27
Arlington	Virginia		140	Millburn	New Jersey		39
ARIZONA STATE UNIVERSITY			1,655 *	Morrmouth Junct	New Jersey		31
Tempe	Arizona		1,605	Norwood	New Jersey		36
Tucson	Arizona		50	Oceanport	New Jersey		27
ASSOC OF UNIV FOR RSCH IN ASTR			50 *	Princeton	New Jersey		38
Washington	D.C.		50	Albuquerque	New Mexico		33
ASSOCIATED UNIVERSITIES INC			212 *	Las Cruces	New Mexico		84
Upton	New York		212	Albany	New York		41
AUBURN UNIVERSITY			3,117 *	New York	New York		64
Auburn	Alabama		3,036	White Plains	New York		29
Huntsville	Alabama		81	Columbus	Ohio		22,699
BATTTELLE MEMORIAL INSTITUTE			29,003 *	Worthington	Ohio		63
Huntsville	Alabama		222	Yellow Springs	Ohio		50
Scottsdale	Arizona		41	Norman	Oklahoma		238
	CANADA		104	Tulsa	Oklahoma		77
Los Angeles	California		32	Eugene	Oregon		96
Menlo Park	California		74	Bethlehem	Penn		46
Mountain View	California		25	Philadelphia	Penn		34
San Diego	California		94	Pittsburgh	Penn		30
Santa Monica	California		32	Columbia	S Carolina		30
Fort Collins	Colorado		101	Nashville	Tennessee		55
Woodbridge	Conn		75	Arlington	Texas		46
Washington	D.C.		37	Austin	Texas		55
Gainesville	Florida		81	Boerne	Texas		27
				Dallas	Texas		113
				El Paso	Texas		171
				Houston	Texas		49
				Alexandria	Virginia		89
				Fairfax	Virginia		40
				Leesburg	Virginia		27
				Springfield	Virginia		142
				Vienna	Virginia		279
				Woodbridge	Virginia		25
				Richland	Washington		161
				Seattle	Washington		65

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions  
in the United States Receiving DOD Prime Contracts  
Over \$25,000 for RDT&E Work: FY 1989**

Name of Contractor Location of Work			Thousands of Dollars	Name of Contractor Location of Work			Thousands of Dollars
BAYLOR UNIVERSITY			302 *	CITY UNIVERSITY OF NEW YORK			1,465 *
Houston	Texas		302	New York	New York		1,465
BIGELOW LAB FOR OCEAN SCNCES			77 *	CLARK ATLANTA UNIVERSITY			1,089 *
West Boothbay	Maine		77	Atlanta	Georgia		1,089
BLACK HAWK COLLEGE DST #503			43 *	CLARK UNIVERSITY			109 *
Rock Island	Illinois		43	Worcester	Mass		109
BOSTON COLLEGE			1,449 *	CLARKSON UNIVERSITY			308 *
Bedford	Mass		416	Potsdam	New York		308
Boston	Mass		594	CLEMSON UNIVERSITY			3,508 *
Newton	Mass		439	Clemson Univer	S Carolina		3,508
BOSTON UNIVERSITY			5,127 *	COLLEGE OF LAKE COUNTY			126 *
Boston	Mass		1,701	Highland Park	Illinois		126
Springfield	Mass		3,426	COLORADO SCHOOL OF MINES			489 *
BOULING GREEN STATE UNIVERSITY			50 *	Golden	Colorado		489
Bowling Green	Ohio		50	COLORADO STATE UNIVERSITY			3,707 *
BRANDEIS UNIVERSITY			195 *	Fort Collins	Colorado		3,707
Waltham	Mass		195	COLUMBIA UNIVERSITY			8,295 *
BRIGHAM YOUNG UNIVERSITY			307 *	New York	New York		8,030
Provo	Utah		307	Oyster Bay	New York		214
BROWN UNIVERSITY			5,779 *	Palisades	New York		51
Providence	Rhode Isld		5,779	CONNECTICUT STATE OF			60 *
CALIFORNIA INST OF TECHNOLOGY			9,121 *	Farmington	Conn		60
Pasadena	California		9,121	CONSORTIUM UNIV WASH METRO			624 *
CALIFORNIA ST UNIV LONG BEACH			28 *	Washington	D.C.		624
Long Beach	California		28	COORDINATING RESEARCH COUNCIL			140 *
CALIFORNIA ST UNIV NORTHRIIDGE			41 *	Atlanta	Georgia		140
Los Angeles	California		41	CORNELL UNIVERSITY			12,095 *
CALIFORNIA ST UNIV SAN DIEGO			560 *	Ithaca	New York		11,950
San Diego	California		560	New York	New York		145
CALIFORNIA URBAN INDIAN HEALTH			306 *	DARTMOUTH COLLEGE			1,418 *
Berkeley	California		306	Hanover	N.H.		1,418
CARNEGIE MELLON UNIVERSITY			49,023 *	DRAPER CHARLES STARK LAB INC			54,986 *
Pittsburgh	Penn		49,023	Boston	Mass		1,048
CASE WESTERN RESERVE UNIV			2,625 *	Cambridge	Mass		53,938
Cleveland	Ohio		1,990	DREXEL UNIVERSITY			831 *
Wright Patters	Ohio		635	Philadelphia	Penn		831
CATHOLIC UNIVERSITY OF AMERICA			205-*	DUKE UNIVERSITY			5,413 *
Washington	D.C.		205-	Beaufort	N Carolina		408
CENTER FOR STRATEGIC STUDY			50 *	Duke Universit	N Carolina		90
San Antonio	Texas		50	Durham	N Carolina		4,915
CENTRAL WASH UNIV			92 *	E E G SYSTEMS LABORATORY INC			151 *
Ellensburg	Washington		92	San Francisco	California		151
CHILDRENS MEDICAL CENTER CORP			120 *	EAST CAROLINA UNIVERSITY			60 *
Boston	Mass		120	Greenville	N Carolina		60
CITY COLLEGE OF NEW YORK			50 *	EDUCATIONAL TESTING SERVICE			139 *
New York	New York		50	Princeton	New Jersey		139

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)



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Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
EMMANUEL COLLEGE Boston Mass	766 *	HARVARD UNIVERSITY Cambridge Mass	4,520 *
	766	Southboro Mass	4,408
EMORY UNIVERSITY Atlanta Georgia	409 *		112
	409	HEALTH RESEARCH INC Albany New York	430 *
ENVIRONMENTAL RESEARCH Ann Arbor Michigan	11,045 *	Buffalo New York	165
	11,045		265
EYE RESEARCH INST RETINA FNDTN Boston Mass	49 *	HELICON FOUNDATION THE San Diego California	60 *
	49		60
FASHION INST OF TECHNOLOGY New York New York	194 *	HOWARD UNIVERSITY Washington D.C.	417 *
	194		417
FEDERAL AMPCN ASSN ADMIN BLOGY Bethesda Maryland	63 *	HUMAN RESRCS RES ORGANIZATION Fort Knox Kentucky	1,189 *
	63	Alexandria Virginia	581
FLORIDA A & M UNIVERSITY Tallahassee Florida	337 *		608
	337	HUTCHINSON F CANCER RESEARCH Seattle Washington	101 *
FLORIDA ATLANTIC UNIVERSITY Boca Raton Florida	91 *		101
	91	I I T RESEARCH INSTITUTE Sacramento California	78,151 *
FLORIDA STATE UNIVERSITY Tallahassee Florida	163 *	Colorado Sprin Colorado	110
	163	Chicago Illinois	27
GAMBLE JAMES N INST MED RES Cincinnati Ohio	114 *	Chicago O'Hare Illinois	68,835
	114	Lanham Maryland	356
GENERAL HOSPITAL CORPORATION Boston Mass	61 *	Rochester New York	1,426
	61	Rome New York	27
GEORGE MASON UNIVERSITY Fairfax Virginia	752 *	Syracuse New York	225
	752	Warminster Penn	385
GEORGE WASHINGTON UNIV THE Washington D.C.	398 *	Oak Ridge Tennessee	50
	398		6,710
GEORGETOWN UNIVERSITY Washington D.C.	1,031 *	INDIANA UNIVERSITY FOUNDATION Bloomington Indiana	328 *
	1,031	Indianapolis Indiana	240
GEORGIA STATE UNIVERSITY Atlanta Georgia	106 *		88
	106	INDUSTRIAL TECHNOLOGY INSTITUTE Ann Arbor Michigan	97 *
GEORGIA TECH RESEARCH CORP Eglin Air Force Florida	31,945 *		97
Atlanta Georgia	180	INSTITUTE FOR DEF ANALYSES Alexandria Virginia	42,811 *
San Antonio Texas	31,691		42,811
	74	INSTITUTE FOR TECHNOLOGY DEV Jackson Miss	96 *
GEORGIA TECH RESEARCH INST Atlanta Georgia	9,857 *		96
	9,857	INSTITUTE FOREIGN POLY ANALYS Cambridge Mass	550 *
GORGAS MEMORIAL INSTITUTE Bethesda Maryland	231 *		550
	231	INSTITUTE OF GAS TECHNOLOGY Chicago Illinois	169 *
GULF COAST RESEARCH LABORATORY Ocean Springs Miss	175 *		169
	175	INSTITUTE OF WILDLIFE TOX Bellingham Washington	282 *
HAHNEMANN UNIVERSITY Philadelphia Penn	132 *		282
	132	IOWA STATE UNIV SONC Ames Iowa	507 *
HAMPTON UNIVERSITY Hampton Virginia	129 *		507
	129	JACKSON HENRY M FOUNDATION Bethesda Maryland	1,498 *
			1,498
		JACKSON LABORATORY THE Bar Harbor Maine	88 *
			88
		JACKSON STATE UNIVERSITY Jackson Miss	56 *
			56

\* = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions  
in the United States Receiving DOD Prime Contracts  
Over \$25,000 for RDT&E Work: FY 1989**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
JEFFERSON THOMAS UNIVERSITY Philadelphia Penn	1,002 * 1,002	MEDICAL RESEARCH FOUNDATION OF OREGON Portland Oregon	37 * 37
JOHNS HOPKINS UNIVERSITY Baltimore Maryland Laurel Maryland	327,647 * 3,589 324,058	MEHARRY MEDICAL COLLEGE Nashville Tennessee	248 * 248
KANSAS STATE UNIVERSITY Kansas City Kansas Manhattan Kansas	508 * 64 444	MEMPHIS STATE UNIVERSITY Memphis Tennessee	164 * 164
LA JOLLA INSTITUTE Placentia California San Diego California	904 * 685 219	MERCER UNIVERSITY Macon Georgia Robins AFB Georgia	5,825 * 5,425 400
LARGE SCALE PROGRAMS INSTITUTE Austin Texas	35 * 35	METAL POWDER INDUS FEDERATION Princeton New Jersey	155 * 155
LEHIGH UNIVERSITY Bethlehem Penn Lehigh Penn	1,228 * 1,128 100	MIAMI VALLEY RESEARCH INST Dayton Ohio	1,285 * 1,285
LOGISTICS MGT INSTITUTE Bethesda Maryland	16,321 * 16,321	MICHIGAN DEPT PUBLIC HEALTH Lansing Michigan	3,316 * 3,316
LOUISIANA STATE UNIVERSITY Baton Rouge Louisiana Mill Creek Louisiana New Orleans Louisiana	1,619 * 555 35 1,029	MICHIGAN STATE UNIVERSITY East Lansing Michigan	828 * 828
LOUISIANA TECH UNIVERSITY Ruston Louisiana	25 * 25	MICHIGAN TECHNICAL UNIVERSITY Houghton Michigan	1,582 * 1,582
LOWELL OBSERVATORY Flagstaff Arizona	40 * 40	MICROELECTRONICS CTR OF N CAROLINA Research Triangle Park N Carolina	120 * 120
LOYOLA COLLEGE Baltimore Maryland	64 * 64	MIDWEST RESEARCH INSTITUTE Kansas City Missouri	622 * 622
LOYOLA UNIVERSITY OF CHICAGO Chicago Illinois	48 * 48	MISSISSIPPI STATE UNIVERSITY Columbus Miss State College Miss	397 * 100 297
MARINE BIOLOGICAL LABORATORY Woods Hole Mass	49 * 49	MISSOURI UNIVERSITY OF Columbia Missouri Kansas City Missouri Rolla Missouri St Louis Missouri	950 * 377 278 205 90
MARSHALL UNIVERSITY Huntington W Virginia	28 * 28	MITRE CORPORATION Bedford Mass McLean Virginia	384,216 * 381,144 3,072
MASS COLLEGE OF PHARMACY Boston Mass	50 * 50	MONTANA STATE UNIVERSITY Bozeman Montana	164 * 164
MASSACHUSETTS INST OF TECHNOLOGY Boston Mass Cambridge Mass Lexington Mass	410,578 * 1,569 30,070 378,939	MONTEREY BAY AQUARIUM RESEARCH Pacific Grove California	56 * 56
MAYO FOUNDATION Rochester Minnesota	1,504 * 1,504	MOREHOUSE COLLEGE Atlanta Georgia	204 * 204
MEDICAL COLLEGE OF GEORGIA Augusta Georgia	265 * 265	NATIONAL ACADEMY SCIENCES USA San Diego California Washington D.C.	7,389 * 100 7,289
MEDICAL COLLEGE OF PA Philadelphia Penn	311 * 311	NATIONAL CNCL ON RADIATION PROTECTN Bethesda Maryland	50 * 50
		NATIONAL OPINION RESEARCH CTR Chicago Illinois	103 * 103

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**Table 1. Educational and Other Nonprofit Institutions  
in the United States Receiving DOD Prime Contracts  
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Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
NATIONAL TECHNOLOGICAL UNIVERSITY Fort Collins Colorado	100 * 100	OAK RIDGE NATIONAL LAB Oak Ridge Tennessee	80 * 80
NEUROSCIENCES RES FOUNDATION New York New York	307 * 307	OAKLAND UNIVERSITY Rochester Michigan	28 * 28
NEW ENGLAND DEACONESS HOSPITAL Boston Mass	157 * 157	OHIO STATE UNIVERSITY Columbus Ohio Urbancrest Ohio	3,215 * 3,152 3
NEW HAMPSHIRE UNIVERSITY SYS Durham N.H.	307 * 307	OHIO UNIVERSITY Athens Ohio	467 * 467
NEW JERSEY INST OF TECHNOLOGY Newark New Jersey	47 * 47	OHIO WESLEYAN UNIVERSITY Delaware Ohio	95 * 95
NEW MEXICO STATE UNIVERSITY Las Cruces New Mexico White Sands Ms New Mexico	17,811 * 10,889 6,922	OKLAHOMA STATE UNIVERSITY Eglin Air Force Florida Stillwater Oklahoma Fairfax Virginia	3,200 * 2,263 881 56
NEW MEXICO INST OF MIN TECHNOLOGY Socorro New Mexico	3,034 * 3,034	OLD DOMINION UNIV RES FOUNDATION Norfolk Virginia	498 * 498
NEW YORK BLOOD CENTER INC New York New York	570 * 570	OREGON GRAD CTR STUDY RESEARCH Beaverton Oregon	422 * 422
NEW YORK UNIVERSITY New York New York North Hempstead New York	2,943 * 2,883 60	OREGON HEALTH SCIENCES UNIV Portland Oregon	336 * 336
NORTH CAROLINA A & T UNIV Greensboro N Carolina	685 * 685	OREGON STATE UNIVERSITY Corvallis Oregon	4,323 * 4,323
NORTH CAROLINA CENTRAL UNIVER Durham N Carolina	225 * 225	OUACHITA BAPTIST UNIVERSITY Arkadelphia Arkansas	119 * 119
NORTH CAROLINA STATE UNIV Raleigh N Carolina	5,609 * 5,609	PALISADES GEOPHYSICAL INST West Nyack New York	913 * 913
NORTH DAKOTA STATE UNIVERSITY Fargo N Dakota	116 * 116	PALISADES INST FOR RES SVCS New York New York Fairborn Ohio	1,523 * 1,290 233
NORTH TEXAS STATE UNIVERSITY Denton Texas Fort Worth Texas	267 * 110 157	PENNSYLVANIA STATE UNIV THE State College Penn	53,950 * 53,950
NORTHEASTERN OH UNIV CLG MD Rootstown Ohio	48 * 48	PERSONNEL DECISIONS RES INSTITUTE Minneapolis Minnesota	432 * 432
NORTHEASTERN UNIVERSITY CORP Bondsboro Mass Boston Mass	2,314 * 96 2,218	PHILADELPHIA COLLEGE OF PHARM Philadelphia Penn	50 * 50
NORTHERN ILLINOIS UNIVERSITY De Kalb Illinois	99 * 99	PIERCE JOHN C FOUNDATION LAB New Haven Conn	109 * 109
NORTHWESTERN UNIVERSITY Evanston Illinois	2,372 * 2,372	POLYTECHNIC UNIV OF NEW YORK Farmingdale New York New York New York	2,433 * 855 1,578
NOVA UNIVERSITY Dania Florida Fort Lauderdale Florida	172 * 72 100	PORTLAND STATE UNIVERSITY Portland Oregon	50 * 50
NYSERNET INC Syracuse New York	3,240 * 3,240	PRINCETON UNIVERSITY Princeton New Jersey	5,019 * 5,019

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions  
in the United States Receiving DOD Prime Contracts  
Over \$25,000 for RDT&E Work: FY 1989**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
PUBLIC HEALTH RESEARCH New York New York	264 *	SOUTHEASTERN ELECTRIC ENGINEERING Long Beach California	5,548 *
PURDUE UNIVERSITY Lafayette Indiana	5,713 *	Orlando Florida	130
Purdue University West Lafayette Indiana	2,741	Saint Cloud Florida	1,875
	79	Tampa Florida	2,218
	2,943	Augusta Kansas	45
RAND CORPORATION Los Angeles California	50,953 *	Bedford Mass	305
Santa Monica California	24,874	Boston Mass	113
	26,079	San Antonio Texas	98
REGIS COLLEGE Bedford Mass	479 *	Salt Lake City Utah	175
	479	SOUTHERN ILLINOIS UNIVERSITY Carbondale Illinois	632 *
RENSSELAER POLYTECHNIC INST Troy New York	4,985 *	Springfield Illinois	534
	4,985		98
RESEARCH TRIANGLE INSTITUTE Melbourne Florida	8,768 *	SOUTHERN METHODIST UNIVERSITY Dallas Texas	5,280 *
Raleigh N Carolina	175		5,280
Research Triangle N Carolina	319	SOUTHERN RESEARCH INSTITUTE Birmingham Alabama	10,015 *
	8,274		10,015
RICE WILLIAM MARSH UNIVERSITY Houston Texas	805 *	SOUTHWEST FOUNDATION San Antonio Texas	627 *
	805		627
RIVERSIDE RESEARCH INSTITUTE Bedford Mass	9,474 *	SOUTHWEST RESEARCH INSTITUTE San Antonio Texas	6,917 *
New York New York	228		6,998
	9,245	SPELMAN COLLEGE Atlanta Georgia	90 *
ROSWELL PARK MEM INST Buffalo New York	199 *		90
	199	SRI INTERNATIONAL Menlo Park California	45,524 *
RUTGERS THE STATE UNIVERSITY New Brunswick New Jersey	1,968 *	Melbourne Florida	45,556
Piscataway New Jersey	871	Arlington Virginia	165
	1,097		103
SALE INST FOR BIOLOGICAL STUDIES San Diego California	6,221 *	ST LOUIS UNIVERSITY St Louis Missouri	70 *
Swiftwater Penn	163		70
	6,058	STANFORD LELAND JUNIOR UNIV Stanford California	32,192 *
SAN JOSE STATE UNIVERSITY San Jose California	387 *	Princeton New Jersey	32,047
	387		145
SCRIPPS CLINIC RES FOUNDATION Placentia California	771 *	STATE UNIVERSITY OF NEW YORK Albany New York	5,019 *
San Diego California	205	Binghamton New York	3,675
	566	Buffalo New York	44
SKIDAWAY INST OF OCEANOGRAPHY Savannah Georgia	248 *	Stony Brook New York	1,099
	248		201
SOGAN KETTERING New York New York	177 *	STEVENS INST OF TECHNOLOGY Hoboken New Jersey	612 *
	177		612
SMALL BUS HIGH TECHNOLOGY INST Phoenix Arizona	290 *	SYRACUSE RESEARCH CORP Syracuse New York	1,154 *
	290		1,154
SMITHSONIAN INSTITUTION Cambridge Mass	1,008 *	SYRACUSE UNIVERSITY Auburn Alabama	8,746 *
	1,008	Boston Mass	100
SOCIETY OF AUTO ENGINEERS Warrendale Penn	315 *	Syracuse New York	30
	315		6,616
SOUTH CAROLINA RES AUTHORITY Charleston S Carolina	14,225 *	TEMPLE UNIVERSITY COMMUNITY SYST Philadelphia Penn	591 *
	14,225		591
		TEXAS A & M UNIV SYS THE Arlington Texas	4,225 *
		College Station Texas	550
			3,675

\* = MINUS AMOUNT (CANCELLATION) EXCEED NEW AWARDS

**Table 1. Educational and Other Nonprofit Institutions  
in the United States Receiving DOD Prime Contracts  
Over \$25,000 for RDT&E Work: FY 1989**

Name of Contractor Location of Work			Thousands of Dollars	Name of Contractor Location of Work			Thousands of Dollars
TEXAS CHRISTIAN UNIVERSITY	Fort Worth	Texas	105 *	UNIVERSITY OF COLORADO	Boulder	Colorado	3,537 *
			105		Colorado Sprin	Colorado	2,577
TEXAS TECH UNIVERSITY	Lubbock	Texas	1,877 *		Denver	Colorado	195
			1,877				765
TUFTS UNIVERSITY	Medford	Mass	283 *	UNIVERSITY OF CONNECTICUT	Farmington	Conn	2,226 *
			283		Storrs	Conn	88
TULANE UNIVERSITY	New Orleans	Louisiana	195 *				2,138
			195	UNIVERSITY OF DAYTON	Williams AFB	Arizona	20,918 *
TUSKEGEE RESEARCH INSTITUTE	Montgomery	Alabama	91 *		Edwards AFB	California	1,716
	Greensboro	N Carolina	49		Dayton	Ohio	883
			42		Montgomery	Ohio	16,894
TUSKEGEE UNIVERSITY	Tuskegee	Alabama	416 *		Wright Patterns	Ohio	134
			416				1,291
UNIVERSITIES SPACE RES ASSN	Columbia	Maryland	582 *	UNIVERSITY OF DELAWARE	Newark	Delaware	1,727 *
			582				1,727
UNIVERSITY OF AKRON	Akron	Ohio	83 *	UNIVERSITY OF DENVER	Denver	Colorado	1,177 *
			83				1,177
UNIVERSITY OF ALABAMA	Birmingham	Alabama	7,184 *	UNIVERSITY OF FLORIDA	Fuselle Corner	Florida	4,652 *
	Huntsville	Alabama	753		Gainesville	Florida	345
	Tuscaloosa	Alabama	6,114				4,307
			317	UNIVERSITY OF GEORGIA	Athens	Georgia	325 *
UNIVERSITY OF ALASKA	Fairbanks	Alaska	520 *				325
			520	UNIVERSITY OF HAWAII	Honolulu	Hawaii	1,895 *
UNIVERSITY OF ARIZONA	Tempe	Arizona	6,864 *				1,895
	Tucson	Arizona	129	UNIVERSITY OF HEALTH SCIENCES	North Chicago	Illinois	100 *
			6,735				100
UNIVERSITY OF ARKANSAS	Little Rock	Arkansas	264 *	UNIVERSITY OF HOUSTON SYSTEM	Houston	Texas	405 *
	Fine Bluff	Arkansas	204				405
			60	UNIVERSITY OF IDAHO	Moscow	Idaho	107 *
UNIVERSITY OF CALIFORNIA	Angels Camp	California	56,507 *				107
	Berkeley	California	68	UNIVERSITY OF ILLINOIS	Caldwelle	Illinois	16,958 *
	Davis	California	11,716		Champaign	Illinois	28
	Irvine	California	1,233		Chicago	Illinois	9,341
	Livermore	California	2,911		Savoy	Illinois	3,371
	Los Angeles	California	235		Urbana	Illinois	76
	Oakland	California	5,936				4,142
	Pasadena	California	340	UNIVERSITY OF IOWA THE	Iowa City	Iowa	1,430 *
	Riverside	California	7,381				1,430
	San Diego	California	10,514	UNIVERSITY OF KANSAS	Lawrence	Kansas	385 *
	San Francisco	California	1,255				385
	Santa Barbara	California	10,698	UNIVERSITY OF KENTUCKY	Lexington	Kentucky	880 *
	Santa Cruz	California	1,247				880
	Torrance	California	168	UNIVERSITY OF LOUISVILLE	Louisville	Kentucky	65 *
UNIVERSITY OF CENTRAL FLORIDA	Orlando	Florida	7,049 *				65
			7,049	UNIVERSITY OF LOWELL	Lowell	Mass	903 *
UNIVERSITY OF CHICAGO THE	Chicago	Illinois	1,553 *				903
			1,553	UNIVERSITY OF MARYLAND	CHILE		9,743 *
UNIVERSITY OF MINNAPATI	Cambridge	Mass	2,030 *		Washington	D.C.	245
	Cincinnati	Ohio	722		Adelphi	Maryland	108
			1,308		Baltimore	Maryland	774
					Cambridge	Maryland	1,846
					College Park	Maryland	72
							6,698

MA: MAJOR CONTRACTS EXCEED NEW AWARDS

**Table 1. Educational and Other Nonprofit Institutions  
in the United States Receiving DOD Prime Contracts  
Over \$25,000 for RDT&E Work: FY 1989**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
UNIVERSITY OF MASSACHUSETTS	8,551 *	UNIVERSITY OF ROCHESTER	4,465 *
Athol Mass	7,761	Rochester New York	4,465
Worcester Mass	790		
UNIVERSITY OF MEDICINE	914 *	UNIVERSITY OF SAN FRANCISCO	118 *
Newark New Jersey	864	San Francisco California	118
Piscataway New Jersey	50		
UNIVERSITY OF MIAMI INC	1,231 *	UNIVERSITY OF SOUTH ALABAMA	120 *
Coral Gables Florida	881	Mobile Alabama	120
Miami Florida	350		
UNIVERSITY OF MICHIGAN	8,083 *	UNIVERSITY OF SOUTH CAROLINA	384 *
Washington D.C.	47	Columbia S Carolina	384
Ann Arbor Michigan	7,770		
Lansing Michigan	266	UNIVERSITY OF SOUTH FLORIDA	421 *
		Saint Petersburg Florida	48
		Tampa Florida	373
UNIVERSITY OF MINNESOTA	30,255 *	UNIVERSITY OF SOUTHERN CALIF	29,363 *
Duluth Minnesota	453	Los Angeles California	29,183
Minneapolis Minnesota	515	San Diego California	180
St. Paul Minnesota	29,287		
UNIVERSITY OF MISSISSIPPI	476 *	UNIVERSITY OF SOUTHERN MISSISS	242 *
Jackson Miss	281	Hattiesburg Miss	242
Oxford Miss	100		
University Miss	95	UNIVERSITY OF TENNESSEE	1,252 *
		Knoxville Tennessee	651
		Memphis Tennessee	176
		Tullahoma Tennessee	225
UNIVERSITY OF NEBRASKA	878 *	UNIVERSITY OF TEXAS SYSTEM	33,362 *
Lincoln Nebraska	705	Lincoln Nebraska	75
Omaha Nebraska	173	Arlington Texas	449
		Austin Texas	30,430
UNIVERSITY OF NEVADA SYSTEM	128 *	Dallas Texas	298
Reno Nevada	128	El Paso Texas	350
		Galveston Texas	512
UNIVERSITY OF NEW MEXICO	9,759 *	Richardson Texas	1,043
Albuquerque New Mexico	1,643	San Antonio Texas	205
Kirtland AFB New Mexico	7,970		
Las Cruces New Mexico	96	UNIVERSITY OF THE PACIFIC	41 *
Richardson Texas	50	San Francisco California	41
UNIVERSITY OF NORTH CAROLINA	2,865 *		
Chapel Hill N Carolina	2,865	UNIVERSITY OF UTAH	3,658 *
		Salt Lake City Utah	3,658
UNIVERSITY OF NOTRE DAME	321 *		
Notre Dame Indiana	321	UNIVERSITY OF VERMONT	98 *
		Burlington Vermont	98
UNIVERSITY OF OKLAHOMA	773 *		
Nida Oklahoma	90	UNIVERSITY OF VIRGINIA	3,473 *
Norman Oklahoma	683	Austin Texas	209
		Charlottesville Virginia	3,264
UNIVERSITY OF OREGON	958 *		
Eugene Oregon	958	UNIVERSITY OF WASHINGTON	22,921 *
		Seattle Washington	22,921
UNIVERSITY OF PENNSYLVANIA	6,851 *		
Philadelphia Penn	6,851	UNIVERSITY OF WEST FLORIDA	53 *
		Pensacola Florida	53
UNIVERSITY OF PITTSBURGH	2,367 *		
Pittsburgh Penn	2,367	UNIVERSITY OF WISCONSIN SYSTEM	4,506 *
		Kenosha Wisconsin	89
UNIVERSITY OF PUERTO RICO	249 *	Madison Wisconsin	3,761
Rio Piedras Puerto Ric	174	Milwaukee Wisconsin	756
San Juan Puerto Ric	75		
UNIVERSITY OF RHODE ISLAND	2,341 *	UNIVERSITY OF WYOMING	724 *
Kingston Rhode Isld	1,941	Laramie Wyoming	724
Narragansett Rhode Isld	362		
Saunderstown Rhode Isld	38		

\* = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

**Table 1. Educational and Other Nonprofit Institutions  
in the United States Receiving DOD Prime Contracts  
Over \$25,000 for RDT&E Work: FY 1989**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
UNIVERSITY RESEARCH CORP Chevy Chase Maryland	126 * 126		
UTAH STATE UNIVERSITY Logan Utah	31,705 * 31,705		
VANDERBILT UNIVERSITY THE Nashville Tennessee	1,390 * 1,390		
VIRGINIA COMMONWEALTH UNIV Richmond Virginia	1,078 * 1,078		
VIRGINIA POLYTECHNIC INST ST UNI Blacksburg Virginia Dahlgren Virginia	4,715 * 4,584 131		
WASHINGTON STATE UNIVERSITY Pullman Washington	893 * 893		
WASHINGTON UNIVERSITY St. Louis Missouri	875 * 875		
WAYNE STATE UNIVERSITY Detroit Michigan	1,156 * 1,156		
WENTWORTH INST OF TECHNOLOGY Boston Mass	1,927 * 1,927		
WEST VIRGINIA UNIVERSITY Morgantown W Virginia	693 * 693		
WESTERN MICHIGAN UNIVERSITY Kalamazoo Michigan	96 * 96		
WILLIAM & MARY COLLEGE OF VA Williamsburg Virginia	50 * 50		
WOODS HOLE OCEANOGRAPHIC INSTITUTE Woods Hole Mass	14,071 * 14,071		
WORCESTER POLYTECHNIC INSTITUTE Worcester Mass	90 * 90		
WRIGHT STATE UNIVERSITY Dayton Ohio Wright Patterson Ohio	1,392 * 211 481		
Y M C A OF THE UNITED STATES Pearl Harbor N Hawaii	195 * 195		
YALE UNIVERSITY New Haven Conn	3,800 * 3,800		
YESHIVA UNIVERSITY New York New York	65 * 65		
TOTAL	2,654,446		

- = MINUS AMOUNT OF CANCELLATIONS & REPEATED NEW AWARDS

**Table 2. U.S. Government Agencies Receiving DOD Prime Contract Awards Over \$25,000 for RDT&E Work: FY 1989**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
COMMONWEALTH OF VIRGINIA Richmond Virginia	99 * 99		
NATIONAL AERONAUTICS SPC ADMIN Huntsville Alabama Hampton Virginia	310 * 110 200		
NATIONAL SCIENCE FOUNDATION Washington D.C.	996 * 996		
STATE OF NJ DEPT OF ENVIRONMTL Trenton New Jersey	32 * 32		
U S FOOD & DRUG ADMINISTRATION Rockville Maryland	168 * 168		
UNITED STATES DEPT ENERGY Berkeley California Oakland California Washington D.C. Argonne Illinois Syracuse New York Oak Ridge Tennessee Richland Washington	2,089 * 50 313 400 230 50 238 808		
UNITED STATES DEPT INTERIOR Flagstaff Arizona Menlo Park California Reston Virginia	182 * 30 122 30		
UNITED STATES DEPT OF COMMERCE Boulder Colorado Washington D.C. Gaithersburg Maryland Rockville Maryland National Space Miss Seattle Washington	3,544 * 688 285 2,182 70 70 249		
TOTAL	7,420		

EXAMPLE AMOUNT RELATES TO CONTRACTS FOR NEW AWARDS



**Table 3. Foreign Institutions and Government Agencies Receiving DOD Prime Contract Awards over \$25,000 for RDT&E Work: FY 1989**

Name of Contractor Location of Work	Thousands of Dollars	Name of Contractor Location of Work	Thousands of Dollars
ACUTRONIC FRANCE SA FRANCE	118 * 118	MC GILL UNIVERSITY CANADA	72 * 72
BEN GURION UNIVERSITY OF THE N ISRAEL	31 * 31	NATIONAL CENTRE TRIBOLOGY UNITED KIN	150 * 150
BRUNEL UNIVERSITY UNITED KIN	31 * 31	NATIONAL SERVICES PROJECTS ITALY	38 * 38
CENTRE D'ETUDES ET DERECHERCHE FRANCE	26 * 26	NATURAL ENVIRONMIL RSCH COUNCI UNITED KIN	184 * 184
CENTRE NATIONAL DETUDES SPATI FRANCE	2,576 * 2,576	POUR LE DEVEL DE LA RECHERCHE FRANCE	43 * 43
CULHAM LABORATORY UNITED KIN	1,880 * 1,880	RAMOT UNIVERSITY ISRAEL	37 * 37
DELFT UNIV OF TECHNOLOGY NETHERLAND	34 * 34	ROYAL NORWEGIAN NAVAL MATERIAL NORWAY	11,371 * 11,371
ENGINEERING SCIENCE TECH UNITED KIN	70 * 70	ROYAL NORWEGION COUNCIL NORWAY	359 * 359
FRAUNHAFER GESELSCHAFT ZUR FOE GERMANY, F	27 * 27	RUHR UNIVERSITAT GERMANY, F	105 * 105
HATFIELD POLYTECH CENTRE THE UNITED KIN	30 * 30	SOCIETE GENERALE DES TAPIS SA GERMANY, F	560 * 560
HEBREW UNIVERSITY OF JERUSALEM ISRAEL	218 * 218	SOREG NEUCLEAR RESEARCH CENTER ISRAEL	783 * 783
IMPERIAL COLLEGE OF SCIENCE UNITED KIN	272 * 272	TECHNOLOGY FOR SOCIETY NETHERLAND	68 * 68
INSTITUTE DE CHIMIE PHYSIQUE SWITZERLAN	34 * 34	TEL AVIV UNIVERSITY ISRAEL	100 * 100
INSTITUTO SUPERIOR TECNICO PORTUGAL	50 * 50	UK SDIPO MINISTRY OF DEFENCE UNITED KIN	220 * 220
INTERNATIONAL THERMAL RESEARCH BOTSWANA	90 * 90	UNITED KINGDOM MINISTRY OF DEF UNITED KIN	14,848 * 14,848
ISRAEL INST FOR BIOLOGICAL RES ISRAEL	53 * 53	UNIVERSITY OF ALBERTA CANADA	31 * 31
ISRAELI INS OF MILITARY STUDY ISRAEL	67 * 67	UNIVERSITY OF BIRMINGHAM UNITED KIN	33 * 33
ISREALI MINISTRY OF DEFENSE ISRAEL	710 * 710	UNIVERSITY OF BRISTOL UNITED KIN	75 * 75
KATHOLIEKE UNIVERSITEIT LEUVEN BELGIUM	34 * 34	UNIVERSITY OF HAIFA ISRAEL	95 * 95
LONDON SCHOOL OF HYGIENE UNITED KIN	108 * 108	UNIVERSITY OF KENT UNITED KIN	62 * 69
LIMBOMBOROUGH UNIV OF TECH UNITED KIN	98 * 98	UNIVERSITY OF MANCHESTER INSTI UNITED KIN	100 * 100
MAFAT DEPT OF BEHAVIORAL SCIEN ISRAEL	28 * 28	UNIVERSITY OF NOTTINGHAM UNITED KIN	75 * 75

AMERICAN ARMY AND AIR FORCE RESEARCH AND DEVELOPMENT AWARD

**Table 3. Foreign Institutions and Government Agencies Receiving DOD Prime Contract Awards over \$25,000 for RDT&E Work: FY 1989**

Name of Contractor Location of Work		Thousands of Dollars	Name of Contractor Location of Work		Thousands of Dollars
UNIVERSITY OF STRATCLYDE		31 *			
	UNITED KIN	31			
WEIZMANN INSTITUTE THE		342 *			
	ISRAEL	342			
YORK UNIVERSITY		305 *			
	CANADA	305			
	TOTAL	36,679			

\* MINUS AMOUNT (CHANGE) IN AWARD EXCEED NEW AWARDS